CLAIMS

I claim:

the print-on position.

1	Method of preventing machine damage in the event of a web break in a
2	web-fed rotary printing machine comprising a plurality of cylinders which, in a print-on
3	position, roll one on another, said printing machine further comprising a plurality of drive
4	motors for driving said cylinders, said method comprising
5	synchronizing the motors so that they are all driven at the same speed,
6	detecting when a web break occurs, and
To Co	braking said drive motors to a standstill by jerking stop when a web break
~ 8	occurs.
	2. Method according to claim 1 wherein said drive motors are braked to a
	standstill within five revolutions when a web break occurs.
	3. Method according to claim 2 wherein said drive motors are braked to a
3	4. Method as in claim 1 wherein said drive motors are braked by reversing
4	the effective direction of torque produced by the motors.
1	5. Method as in claim 1 wherein, during braking, said cylinders remain in

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1 6. The method of claim 1 wherein said motors are induction motors, said 2 motors being braked by overloading said motors.

Apparatus for preventing machine damage in the event of a web break in a web-fed rotary printing machine having a plurality of cylinders which, in a print-on position, roll one on another, said printing machine further comprising a plurality of drive motors for

driving said cylinders, said apparatus comprising

a control device for synchronizing the motors so that they are all driven at the same speed, said control device having stored therein a control program which can be activated in the event of a web break, said control program having therein an emergency stop ramp which brakes said motors to a standstill by jerking stop, said program driving said motors along said stop ramp in the event of a web break.

8. Apparatus as in claim 7 wherein each said cylinder is driven by a respective said drive cylinder.

- 9. Apparatus as in claim 7 wherein said each said cylinder is a built up cylinder having a hollow center part.
- 10. Apparatus as in claim 7 wherein each said drive motor is an induction motor.
- 1 11. Apparatus as in claim 7 wherein said control program drives motors 2 along said stop ramp by operating said motors in the overload range.

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Apparatus as in claim 7 wherein said control program brakes said motors

2 by reversing the effective direction of torque produced by the motors.

AND RS